



Docket No.: 249325US0

Serial No.: 10/787,146

Inventor: Yoshiaki KOBUE, et al.

LIST OF RELATED CASES CITED BY
APPLICANT UNDER 37 CFR 1.56

Filing Date: February 27, 2004

Group: 1711

LIST OF RELATED CASES

Examiner Initial	Docket No.	Serial or Patent Number	Filing or Issue Date	Patent App. Publication No.	Inventor or Applicant
TD	291258US0CONT	11/442,567	05/30/06	(New case)	KOBUE, et al.
TD	249325US0*	10/787,146	02/27/04	US 2004/0202876 A1	KOBUE, et al.


Examiner

Dvc. Present

Date Considered

*November 3, 2006**Present Application; listed for information
NFO/ach/kch

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 249325US0		SERIAL NO. 10/787,146	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Yoshiaki KOBUE, et al.			
				FILING DATE February 27, 2004		GROUP 1711	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>DA</i>	AA	2003/0187251 A1	10/02/2003	Yoshiaki KOBUE, et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AO						
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>DA</i>	AW	Marius ALBOTA, et al., "Design of Organic Molecules with Large Two-Photon Absorption Cross Sections", www.sciencemag.org , Science, vol. 281, September 11, 1998, pages 1653-1656					
<i>1</i>	AX	Thomas E. O. SCREEN, et al., "Amplified Optical Nonlinearity in a Self-Assembled Double-Strand Conjugated Porphyrin Polymer Ladder", J. AM. Chem. Soc. vol. 124, no. 33, 2002, pages 9712-9713					
<i>1</i>	AY	Kazuya OGAWA, et al., "Large Third-Order Optical Nonlinearity of Self-Assembled Porphyrin Oligomers", J. AM. Chem. vol. 124, no. 1, 2002, pages 22-23					
<i>DA</i>	AZ	Kazuya OGAWA, et al., "Strong Two-Photon Absorption of Self-Assembled Butadiyne-Linked", J. AM. Chem. Soc., vol. 125, no. 44, 2003, pages 13356-13357				<input type="checkbox"/> Additional References sheet(s) attached	
Examiner <i>DAZ P. K. S. K.</i>					Date Considered <i>Nov 3, 2006</i>		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 249325US0		SERIAL NO. New Application	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Yoshiaki KOBUE, et al.			
				FILING DATE Herewith		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
AA	6,429,310	08/06/2002	Yoshiaki KOBUE, et al.				
AB	6,602,998	08/05/2003	Yoshiaki KOBUE, et al.				
AC							
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO			
	AD						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
AE	Katsuhiko ARIGA, et al., "ASSEMBLING ALTERNATE DYE-POLYION MOLECULAR FILMS BY ELECTROSTATIC LAYER-BY-LAYER ADSORPTION", J. Am. Chem. Soc., Vol. 119, 1997, pgs. 2224-2231						
AF	Dong-Jin QIAN, et al., "PALLADIUM-MEDIATED STEPWISE ASSEMBLY OF THREE-DIMENSIONAL ORGANIZED MULTIPORPHYRIN ARRAYS DIRECTLY ON SOLID SUBSTRATES", Langmuir, Vol. 18, 2002, pgs. 10237-10242						
AG	Koiti ARAKI, et al., "LAYER-BY-LAYER GROWTH OF ELECTROSTATICALLY ASSEMBLED MULTILAYER PORPHYRIN FILMS", Langmuir, Vol. 12, 1996, pgs. 5393-5398						
AH	Feras B. ABDELRAZZAQ, et al., "PHOTOCURRENT GENERATION IN MULTILAYER ORGANIC-INORGANIC THIN FILMS WITH CASCADE ENERGY ARCHITECTURES", J. Am. Chem. Soc., Vol. 124, 2002, pgs. 4796-4803						
AI	Atsushi IKEDA, et al., "EFFICIENT PHOTOCURRENT GENERATION IN NOVEL SELF-ASSEMBLED MULTILAYERS COMPRISED OF [60]FULLERENE-CATIONIC HOMOOXACALIX[3]ARENE INCLUSION COMPLEX AND ANIONIC PORPHYRIN POLYMER", J. Am. Chem. Soc., Vol. 123, 2001, pgs. 4855-4856						
AJ	Frank J. KAMPAS, et al., "PORPHYRIN FILMS. 3. PHOTOVOLTAIC PROPERTIES OF OCTAETHYLPORPHINE AND TETRAPHENYLPORPHINE", The Journal of Physical Chemistry, Vol. 81, No. 8, 1977, pgs. 690-695						
AK	F. J. KAMPAS, et al., "PHOTOELECTROCHEMICAL PROPERTIES OF METALLOPORPHYRINS", Nature, Vol. 284, March 6, 1980, pgs. 40-42						
AL	Yutaka HARIMA, et al., "ORGANIC PHOTOELECTRODES BASED ON P-P ISO-TYPE JUNCTIONS", The Journal of Physical Chemistry, Vol. 89, No. 25, December 5, 1985, pgs. 5325-5327						
AM	Yoshiaki KOBUE, et al., "SUPRAMOLECULAR ORGANIZATION OF IMIDAZOLYL-PORPHYRIN TO A SLIPPED COFACIAL DIMER", J. Am. Chem. Soc., Vol. 116, 1994, pgs. 4111-4112						
AN	The gist of lecture 2-2 at 82 nd Symposium on Organic Synthesis, Japan, 2002, pgs. 65-68						
AO	Atsushi OHASHI, et al., "COVALENT LINKING OF COORDINATION-ORGANIZED SLIPPED COFACIAL PORPHYRIN DIMERS", Bull. Chem. Soc. Jpn., Vol. 77, 2004, pgs. 365-374 (corresponds to reference AN listed above)						
AP	Chusaku IKEDA, et al., "PROOFS OF MACROCYCLIZATION OF GABLE PORPHYRINS AS MIMICS OF PHOTOSYNTHETIC LIGHT-HARVESTING COMPLEXES", Organic Letters, Vol. 5, No. 26, 2003, pgs. 4935-4938 (corresponds to reference AN listed above)						
AQ	Kazuya OGAWA, et al., "FORMATION OF A GIANT SUPRAMOLECULAR PORPHYRIN ARRAY BY SELF-COORDINATION", Angew. Chem. Int. Ed., Vol. 39, No. 22, 2000, pgs. 4070-4073						
AR	Akihiro NOMOTO, et al., "PHOTOCURRENT GENERATION SYSTEM INCORPORATED WITH ANTENNA FUNCTION", Chem. Commun., 2002, pgs. 1104-1105					<input type="checkbox"/> Additional References sheet(s) attached	
Examiner						Date Considered Nov 3, 2006	
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<u>Docket Number</u>	<u>Serial or Patent Number</u>	<u>Filing or Issue Date</u>	<u>Inventor/ Applicant</u>
204568US0	6,602,998	08/05/03	KOBUKE, et al.
227648US0	10/231,074	08/30/02	KOBUKE, et al.
236856US0	10/419,767	04/22/03	KOBUKE, et al.
245682US0	10/715,493	11/19/03	KOBUKE, et al.

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November 3, 2006